

Work Order ID 71764

Monday, July 11, 2011 11:13:21 AM



Page 1

Item ID: D4314-3

Accept



Setup Start



Revision ID:

Item Name: Shim

Stop



Start Date: 7/11/2011 Start Qty: 4.00



Cust Item ID:

Required Date: 7/18/2011 Req'd Qty: 4.00



Customer:

Reference:

Approvals:

Process Plan:

Date: 11-07-11

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D4314	A

100

0.00



FLOW WATER JET

Waterjet

Memo

0.00

FLOW CNC Waterjet

6061 189

1-Cut as per Dwg D4314

Dwg Rev: A

Prog Rev: 1

2-Deburr if necessary

B11-8-2

(4)

110

0.00



QC2- Inspect parts off machine FAI/FAIB

QC

Memo

0.00

Quality Control

B11-8-2

120

0.00



QC8- Inspect parts - second check

QC

Memo

0.00

Quality Control

S wlosz

(4)

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Abstract

Page 2

Accept

1. The first step in the process is to identify the problem. This involves gathering information about the situation and understanding the needs of the stakeholders involved.

2. Once the problem is identified, the next step is to develop a plan. This involves setting goals, identifying resources, and determining the steps that need to be taken to address the problem.

3. The third step is to implement the plan. This involves putting the plan into action and monitoring progress.

4. The final step is to evaluate the results. This involves assessing the effectiveness of the plan and making adjustments as needed.

Setup Start

Stop

Cust Item ID:

Abstract

Customer:

Reference:

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Run Start

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Operation Description

Set Up/ Run Hours

Tool ID**Tool #****Plan
Code**

Accept	Qty
1	1
2	1
3	1
4	1
5	1
6	1
7	1
8	1
9	1
10	1
11	1
12	1
13	1
14	1
15	1
16	1
17	1
18	1
19	1
20	1
21	1
22	1
23	1
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88	1
89	1
90	1
91	1
92	1
93	1
94	1
95	1
96	1
97	1
98	1
99	1
100	1

Reject
Qty

Reject Number

**Insp.
Stamp**

130

0.00



Small Fab

Small Fab

Memo

0.00

Small Fab

COUNTER SINK AS PER DWG

150

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

160

Chemical Conversion Coat per QSI005 4.1

0.00

[illegible]

HandFinish

Memo

0.00

Hand Finishing

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
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Work Order ID 71764

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Page 3

Item ID: D4314-3

Accept



Setup Start



Revision ID:

Stop



Item Name: Shim

Start Date: 7/11/2011 Start Qty: 4.00



Cust Item ID:

Required Date: 7/18/2011 Req'd Qty: 4.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

170

QC3- Inspect Part Finish

0.00



QC

Memo

0.00

Quality Control

8 ulos 1/2



180

Identify as per dwg & Stock Location: 139

0.00



Packaging

Memo

0.00

Packaging

P 4/14/12

190

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

ck 11/08/12

ME
11-08-12

W/O:		WORK ORDER CHANGES					
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NOTE: Date & initial all entries

Picklist Print

Monday, July 11, 2011 11:13:27 AM

Page 1

Work Order ID: 71764



Parent Item: D4314-3



Parent Item Name: Shim



Start Date: 7/11/2011

Required Date: 7/18/2011

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP REV:A NEW ISSUE 11-02-02 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M6061T6S.188 		Purchased			No	100	sf	30.5000	0.0194	0.081684			
6061-T6 .188 Sheet												B 11-8-2	

Location

Loc Qty

Loc Code

MAT021

30.5

116604

30.5

116604

(4)

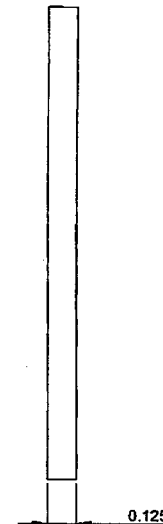
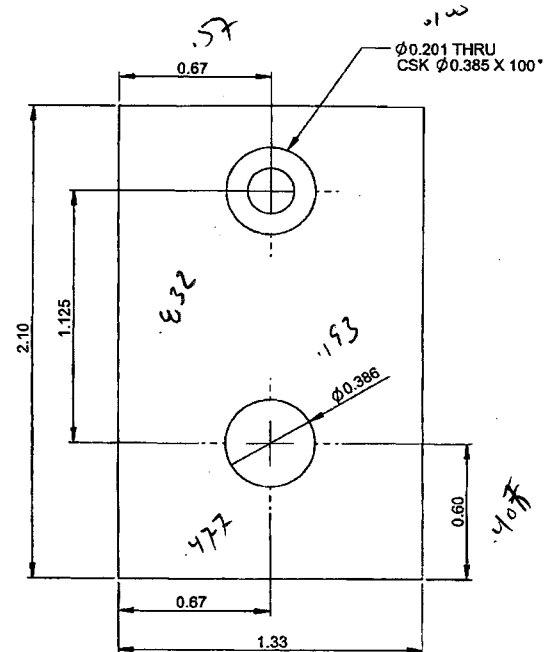
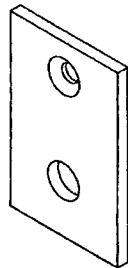
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NOTE: Date & initial all entries



D4314-1 SHIM

REI
ENG
UNCONT
SUBJECT TO AMEND
WITHOUT NOTICE
717649

211074

RELEASED
2011-02-11

NOTES:

- 1) MATERIAL: ALUMINUM 2024-T3 SHEET PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209 (REF DART SPEC M2024T3S.125) OR ALUMINUM 6061-T6/T62 SHEET PER QQ-A-250/11 OR AMS-QQ-A-250/11 AMS 4025 OR AMS 4027 OR ASTM B209 (REF DART SPEC M6061T6S.125) OR ALUMINUM 5052-H32 SHEET PER QQ-A-250/8 OR AMS-QQ-A250/8 AMS 4016 OR ASTM B209 (REF DART SPEC M5052H32S.125)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER QSI 044 6.1
- 7) WEIGHT: 0.01 lbs

A NEW ISSUE		SC	11.01.13
REV.	DESCRIPTION		BY DATE
DESIGN	SC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	SC		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4314	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		SHIM	NTS
DATE	11.01.13	COPYRIGHT © 2011 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL. IT IS TO BE KEPT UNDER LOCK AND KEY AND NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

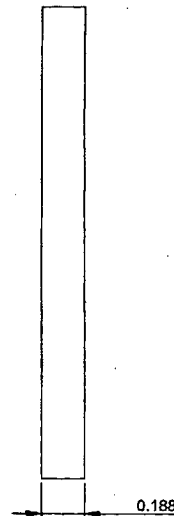
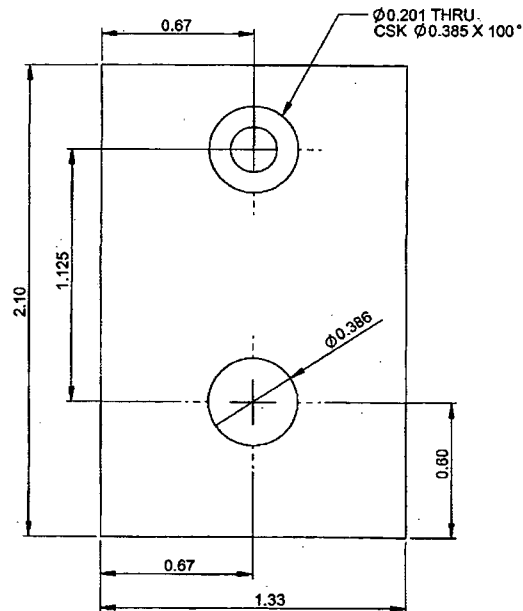
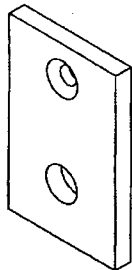
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71764

D4314-3 SHIM

RELEASED
2011-02-01
MP

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- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER QSI 044 6.1
- 7) WEIGHT: 0.05 lbs

DESIGN	SC	DART AEROSPACE LTD	
DRAWN	SC	HAWKESBURY, ONTARIO, CANADA	
CHECKED	JP	DRAWING NO.	REV. A
MFG. APPR.	JP	D4314	SHEET 2 OF 2
APPROVED	JP	TITLE	SCALE
DE APPR.	JP	SHIM	NTS
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Work Order: 71764

Part Number: D4314-3

Page 1 of 1

X	First Article	X	Prototype
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[illegible]

Prototype Approval:

Date: 11/08/22

Date:

Revised by	Approved
KJ/JLM	